

**BACHELOR OF COMPUTER APPLICATIONS (Revised)**  
**(BCA)**

01043

**Term-End Practical Examination**

**December, 2016**

**BCSL-034(P)/S1 : DATABASE MANAGEMENT SYSTEMS LAB**

*Time : 1 Hour*

*Maximum Marks : 50*

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- Note :** (i) *There are two questions in this paper carrying 20 marks each.*  
(ii) *Answer them both.*  
(iii) *Rest 10 marks are for viva-voce.*
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1. Create the following database defined below :

EMPLOYEE (ENo, EName, Birth\_Date, Address, DNo)

DEPARTMENT (DNo, DName, DManager)

DEPT\_LOCATION (DNo, DLocation, Country)

WORKS\_ON (ENo, PNo, Hours)

PROJECT (PName, PNo, PLocation, DNo)

Select appropriate datatypes for each of the fields. Input meaningful data of at least 10 records. 20

2. For the above database created in Q.1, answer the following queries using SQL : 5×4=20

- (a) To find the EName and ENo of all the employees who work for PNo = 111.
- (b) To display the no. of hours allocated for ENo = 001.
- (c) To display all the projects whose PLocation is "Delhi".
- (d) To display all the DNos and DLocations.
- (e) To display all the ENos and ENames of the company.